



The Resonator

Official Newsletter of the Fair Lawn (NJ) Amateur Radio Club

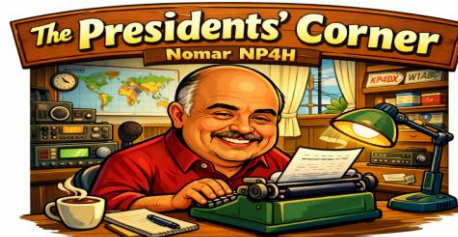
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www.FairLawnARC.org

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Great things continue to happen at the Fair Lawn Amateur Radio Club. Last month we participated in the ARRL International DX Contest (CW) and once again our operators rose to the occasion. A great group of members showed up to pound the keys and put FLARC on the air. Through their efforts, we accumulated close to 500,000 points. That is a tremendous achievement and a testament to the enthusiasm and skill of our operators. My sincere appreciation goes out not only to those who operated, but also to the club members who came by to support the effort and keep the momentum going.

FLARC was also proud to participate this past weekend in Super Science Saturday in Ridgewood. For several years now, our club has helped demonstrate amateur radio to young people and their families, and this year was no exception. The event was very well attended, and our table attracted a steady crowd of curious kids and adults who were excited to learn about ham radio. I would like to extend a sincere thank you to all the FLARC members who volunteered their time to represent the club, and a special note of appreciation to Sky KD2SOG, who spearheaded the planning and coordination of our participation. Efforts like these help showcase the spirit of amateur radio and inspire the next generation of operators.

Looking ahead, we have some big events on the horizon, including our annual FLARC Hamfest at Memorial Park and Field Day in June. As discussed during our last business meeting, we need you. These events are successful because of the dedication of our members. The proverb "many hands make light work" reminds us that when we work together, tasks become easier and the results even greater.



FCC Requires That FRN Contact Information Be Updated Within Ten Days of a Change

ARRL reports that the Federal Communications Commission (FCC) adopted changes to its rules to require that every holder of an FCC Registration Number (FRN) update their contact information in the CORES system (email and postal addresses) within ten business days of a change.

Because every FCC licensee — including amateur radio operators — must have an FRN to file applications, this requirement applies to all licensed amateurs. FRN contact information is handled separately and apart from contact information related to a license in the License Manager System. Both records must be kept up-to-date, and each requires a separate update.

Until now, no specific deadline existed for updating FRN or license contact information. Instead, the amateur rules at sections 97.21 and 97.23 provide that **a license may be suspended or revoked “if FCC correspondence is returned as undeliverable because of an incorrect address/email.”** These provisions remain in effect as well as the 10-day deadline applicable to FRN information.

If your FRN information is current and has not changed, no immediate action is required, but you must adhere to the 10-day rule for future changes.

It is recommended to periodically check both the CORES and License Manager Systems to ensure contact information is accurate, even if no changes have occurred.

The new deadline [section 1.8002(b)(2) of the Commission’s Rules] became effective on February 5 as part of a proceeding that was limited to further constraining robocalls. Although the proceeding focused on robocall issues, the 10-day update requirement applies broadly to all FRN holders. On February 6 the FCC confirmed in a Public Notice that the new deadline applies to all FRN holders. The amendment replaces language adopted in 2001 that required FRN holders to keep their contact information up-to-date but had not imposed a deadline for doing so.

Numerous requests for clarification from non-

robocaller interests led the FCC to issue a Public Notice on February 6 clarifying that fines imposed on those subject to the robocall rules for not keeping contact information up-to-date do NOT apply to licensees such as radio amateurs, but that **the 10-day deadline does apply to all FRN holders.**

See the following resources for updating FRN and license information.

FCC Tutorial on updating FRN information:

https://apps.fcc.gov/cores/html/Update_FRN_Information.htm

ARRL information on how to update license information:

<https://www.arrl.org/call-sign-renewals-or-changes>

For assistance, call the FCC FRN Help Desk:

(877) 480-3201 (available 8 AM to 6 PM ET).

Access the FCC CORES system by visiting the official website (<https://apps.fcc.gov/cores>) and logging in with your username (email) and password. New users must first register for an account to obtain an FCC Registration Number (FRN). 2-step authentication is required as of March 29, 2024, for secure access to manage FRNs, pay fees, or update profile information. [1, 2, 3, 4]

Steps to Access FCC CORES

1. Go to the Login Page: Navigate to the CORES system.
2. Register (New Users): If you do not have an account, click "REGISTER" to create a new username and password.
3. Log In: Enter your username (email) and password.
4. Associate FRN: If this is your first time logging in with a new username, you must choose "Associate Username to FRN" to link your existing 10-digit FRN to your new credentials. [2, 3, 4, 5]

Key Features of CORES

- FRN Management: Register new or manage existing FCC Registration Numbers (FRN).
- Fee Payments: Pay application fees, regulatory fees, or search for outstanding debts.
- Profile Updates: Update contact information associated with your FRN.
- Support: If you cannot access your account, use the "Forgot/Reset your Password?" link on the login page. [4, 5, 6, 7, 8, 9]

Note: The legacy CORES system was retired on July 15, 2022; ensure you are using the updated system. [3]

- [1] <https://publicfiles.fcc.gov/opifadmin/owner-login>
- [2] <https://www.fcc.gov/sites/default/files/cores-registration-instructions.pdf>
- [3] <http://www.arrl.org/fcc-cores-registration-instructions>
- [4] <https://apps.fcc.gov/cores>
- [5] <https://www.fcc.gov/licensing-databases/fees/cores-payment-system>
- [6] <https://apps.fcc.gov/cores/html/know.html>
- [7] <https://www.fcc.gov/licensing-databases/commission-registration-system-fcc>
- [8] <https://apps.fcc.gov/cores/html/Username%20Password.html>
- [9] <https://apps.fcc.gov/cores/html/numbers.html>



Discover the Latest Findings in Ionospheric Research

The Ninth Annual HamSCI Workshop

“Discovering Science Through Amateur Radio”

March 14-15 -- Register Now!!

HamSCI, the Ham Radio Science Citizen Investigation, is holding its ninth annual HamSCI Workshop **beginning Saturday, March 14, 2026, and concluding the next day**. The venue will be the Central Connecticut State University (CCSU) in New Britain, CT. HamSCI is partnering with ARRL, The National Association for Amateur Radio, with its nearby headquarters providing an exclusive opportunity to tour facilities, get behind-the-scenes access to the ARRL Laboratory, the W1HQ Radio Laboratory and the W1AW Hiram P. Maxim Memorial Station, which licensed hams may operate.

Join leading experts as they unveil cutting-edge advances in ionospheric physics, space weather impacts, meteor scatter, plasma dynamics, and global modeling — essential for amateur radio communications, GPS accuracy, auroral studies, and protecting technology from solar storms.

Event and Registration details can be found here: www.hamsci.org/hamsci2026.

Featuring Three Keynote Speakers:

1. Dr. Rob Suggs NN4NT, "Meteor Scatter Tutorial". Dr. Suggs recently retired from NASA's Marshall Space Flight Center in Huntsville, Alabama. He worked for 20 years as Space Environments Team Lead responsible for specifying the meteoroid, orbital debris, plasma, ionizing radiation, thermal and lunar surface environments for various NASA programs including Artemis and International Space Station. He also worked at Johnson Space Center in Houston in the Space Station Program Office responsible for space environments and effects and external payloads. His PhD research was on Saturn's atmosphere during the Voyager missions. His work on meteoroids includes supporting NASA's Meteoroid Environment Office and instituting the Lunar Meteoroid Impact Monitoring Program. Rob is an active member of the Marshall Space Flight Center ARC NN4SA.

2. Dr. Kuldeep Pandey, "Solar Eclipse Through Ham Radio: What the Bands Revealed". Dr. Kuldeep Pandey obtained his PhD in 2019 from the Physical Research Laboratory in India. His doctoral and early postdoctoral work focused on electric fields, currents, and plasma distributions in the low-latitude ionosphere. In November 2020, Kuldeep joined the University of Saskatchewan–Canada as a Postdoctoral Fellow, where his research focused on HF radio polarization using ePOP satellite datasets and modeling. Since April 2024, Kuldeep has been a Postdoctoral Research Associate at the New Jersey Institute of Technology (NJIT). His current work focuses on understanding the effects of the April 2024 solar eclipse on the ionosphere and HF radio propagation using observations from ham radio, ground- and satellite-based instruments, and ray-trace modeling.

3. Jonathan Rizzo KC3EEY Memorial Talk: "Remembering and Honoring Paul Nicholson G8LMD: Passionate VLF Enthusiast and Master". Paul Nicholson was a talented radio enthusiast. He authored the vlfrx-tools software package, a collection of utilities including data acquisition, timing, and signal processing of VLF natural radio emissions. He also wrote LCnetgen, a distributed capacitances and inductances calculator useful when setting up VLF receivers, and he developed EbNaut, the very first digital amateur radio mode for the 8290 and 5170 Hz bands. Paul's academic contributions include many natural radio emission and man-made VLF signal observations, collaboration with researchers on various topics including Q bursts. Paul is well known in India for his most ambitious project: The Indian Lightning Detection Network (ILDN), India's first domestic lightning location network. To this day, the ILDN provides live lightning stroke data that saves countless lives. Paul was selflessly involved in humanitarian endeavors, including historical preservation and serving as a dog's body (hiding yourself in inconspicuous places outdoors, to train the search and rescue dogs) for the Calder Valley Search and Rescue Team.

Speaker's Biography: Jonathan Rizzo KC3EEY is an electrical engineer and a graduate of the University of Scranton and Luzerne County Community College. Jonathan became extremely interested in very low frequency (VLF) phenomena in 2013, both in the technical aspect of observation techniques, but also the physics. He has been an advocate of VLF study ever since.

The program can be found at <https://hamsci.org/hamsci-2026-program>

Why Attend?

- Observations and findings from HamSCI's Festivals of Eclipse Ionospheric Science
- Personal Space Weather Station project updates
- Data management and visualization techniques
- Radio wave propagation modeling
- Meteor Scatter research including details on HamSCI's Meteor Scatter QSO Party
- The applicability of HamSCI's research into amateur radio operations
- Gain insights from real-time data and next-generation models
- Network with professionals in heliophysics, space weather and renowned amateurs

Don't miss this rare opportunity to hear directly from those at the forefront of ionospheric science! A full two-day agenda packed with learning!

Don't Delay -- Register Today!!

For registration details, program specifics, and updates, visit www.hamsci.org/hamsci2026. The 2026 HamSCI workshop is supported by grants from the National Science Foundation and Amateur Radio Digital Communications (ARDC), and the organizing committee including representatives from CCSU partner institutions such as the University of Scranton, New Jersey Institute of Technology and ARRL. For those unable to attend in-person, a virtual attendance option will be announced closer to the workshop.

About HamSCI

HamSCI serves as a means for fostering collaboration between professional researchers and amateur radio operators. It assists in developing and maintaining standards and agreements between all people and organizations involved. Its goals are to advance scientific research and understanding through amateur radio activities, encourage the development of modern technologies to support this research and provide educational opportunities for the amateur community and the public.

For more information about HamSCI, and to join our mailing list and receive our newsletter, please visit our website at www.hamsci.org

Ham Radio Class Forming Now

The ARC² Radio club will be holding
a 2-day in-person Technician Radio License class
where you can learn everything you need to pass your
35-question exam and earn your
Technician (entry level) **FCC Amateur Radio License**.

*The Technician license is your gateway to the
world-wide excitement of Amateur Radio and
emergency communication ... and now
you do NOT need to learn Morse code!*

Class: 2 days (Saturday and Sunday) March 21-22, 2026

Time: 8:00 am to 4:30 pm

Location: Fairfield, NJ Red Cross office

209 Fairfield Road, Fairfield, NJ 07004
(Entrance from parking lot)

Class Fee: \$25 (snacks & facility)

Exam Fee: \$15 (payable at exam)

FCC Fee: \$35 (payable to FCC within 10 days of the exam)

Schedule:

- Class: all day Saturday, 8 am to about 4:30 pm
- Review: Sunday, 8:30 am to about 1 pm
- Exam: Sunday, after review

Registration required: *(with full name, address, cell number)*

*Registration closes March 13th or when class reaches full capacity of 20.
You will need to get an FCC Federal Registration Number (FRN),
instructions for getting FRN upon registration.*

To register: email the instructor: **NB1LL@ARRL.net**

Instructor: Bill Kelly, NB1LL (that is a #1 in NB1LL)

The instructor will send confirmation with instructions for getting FRN

ARRL The national association for
AMATEUR RADIO®

Ham Radio Class Forming Now

ARC Squared Radio club will be holding
a 2-day in-person Amateur General Radio License class
where you can learn what you need to pass your
35-question exam and earn your upgrade to a
General FCC Amateur Radio License.

*The General license is the second of three
U.S. Amateur Radio licenses.*

*To upgrade to General, you must hold a Technician license.
Upgrading to a General conveys extensive HF privileges.*

Class: 2 days (Saturday and Sunday) May 16-17

Time: 8:00 am to about 4:30 pm

Location: Fairfield, NJ Red Cross office

209 Fairfield Road, Fairfield, NJ 07004
(Entrance from parking lot)

Class Fee: \$25 (snacks & facility)

Exam Fee: \$15 (payable at exam)

Schedule:

- Pre-Studying is required
- Class: all day Saturday, 8 am to about 4:30 pm
- Review: Sunday, 8 am to about 1 pm
- Exam: Sunday, after review

Registration required: *(with full name, address, cell number, call sign)*
Registration closes May 8th or when class reaches full capacity of 20.

To register or to ask questions, email: **NB1LL@ARRL.net**

Instructor: Bill Kelly, NB1LL

(that is a #1 in NB1LL)

ARRL The national association for
AMATEUR RADIO®

From the Tech Committee

The new repeater controller finally arrived and is installed. The W2NPT/r 2-meter repeater is now linked to the WO2X/r 442.700 repeater in Alpine.

The Alpine repeater has very good coverage and will help FLARC members be able to communicate over a wider area.

Info on Alpine repeater
(portable or mobile)

RX 442.700 PL 141.3 Hz

TX 447.700 PL 97.4 Hz

If your radio is not capable of different PL tones on RX and TX, then program the TX PL as 97.4 Hz and receive using CSQ. [CSQ = Carrier Squelch]

Second item:

The new 6 & 10 meter Yagi antenna was used in several contests, including the January VHF contest, Winter Field Day and CQWW CW. Performance was excellent !

73 de Dave De Coons WO2X

FLARC Tech Committee Chair

ARRL is celebrating a year-long Worked-All-States operating event celebrating America's 250th Anniversary.

Details can be found at
<https://www.arrl.org/america250-was>

Working All States toward achieving your America250 WAS by contacting W1AW/Portable Stations: There will be week-long activations of portable W1AW/portable stations in all 50 states, and potentially in several US Possessions/Territories, that will generate on-air activity to achieve this unique WAS Award. For this operating event, ARRL will provide a listing of all W1AW/portable stations, who will each operate for 7 days (from a Wednesday through the following Tuesday) for 2 separate weeks in the year (an early week between January and July, and a late week between July and December). A few weeks will be listed as non-W1AW/portable weeks due to contests and ARRL Field Day.

The web link to the schedule of when each state will be on the air is gigantic, and the table of stations even bigger. Use the following 'short link' to fetch the schedule:

<https://bit.ly/arrl-w1aw-america250>



FLARC & WO2X REPEATER ALLIANCE
Expanding Coverage Across Northern & Central New Jersey
NYC • Rockland County • Westchester County

FAIR LAWN
70 YEARS N 1956 J 2026
AMATEUR RADIO CLUB

WO2X
ALPINE, NJ

FLARC VHF Repeater
145.470 MHz
Offset: -600 kHz
PL: 167.9
• Drive-time participation
• Casual communication 24/7

WO2X UHF Repeater
Located at: Armstrong Tower – Alpine, NJ
442.700 MHz
Offset: +5 MHz
TX PL: 97.4
RX PL: 141.3

• ARRL Audio News — Mondays 7:45 PM
• Near & Far Net — Mondays 8:00 PM
• BARA Tech Net — Thursdays 9:00 PM

Be Part of the New Alliance



LETTERS



From: Don we7ee
To: 'w2npt@arrl.net'
Subject: Ham Radio Nostalgia

Hello Fellow Amateurs,

I was a ham in Ridgefield Park, NJ in the early 70s in my youth. I later lived in Saddle Brook until 1990 when I moved my family to Washington State. I have been inactive for a very long time. After retirement, the bug came back. I discovered that I managed to keep my old log books after moving many times over 3,000 miles from home.

I did a study on all the local 2-land hams I chatted with in the old days. Sadly, half are now silent keys. It turns out that of 426 hams, my first 2-land QSO as a novice, WN2GPU was with WB2RLO, an operator at the Fair Lawn ARC named Steve at 19:43 on August 19, 1972, on 80 meters.

Oddly, I was operating from my cousin's home in Mattituck, LI, not down the road from home. It would be interesting if you kept all the old station logs so I could get a QSL card –Hi Hi. ‘

I owned an Audio/Video/CB/Ham radio store and repair shop in Lyndhurst, NJ in the 80s – the name was Abaris Systems. Another fun fact is that in June 2021, your member, Fred Belghaus W2AAB, wrote an article about local ham stores of days gone by and he noted buying an old rig from me. He didn't know who I was. I attached an image of the club newsletter that I found on the internet. To top of the coincidences, it turns out I had a QSO with Fred on Nov 2, 1974 when he was WB2CST on 10 meters. In those days, 10 meters was where all the locals would hang out and literally every 5 kHz there was somebody between 28.5 and 28.6 and many nets where we would do actual traffic and phone patches.

Anyway, I thought you might enjoy the trip back in time. You can find the summary on my QRZ page. I am sure other club members and local hams from the long past can be found on the list. A spreadsheet with all the info I found is available by emailing me at the address below. The sheet includes what the color codes mean and what each column includes, along with the sources I used to gather all the data about each member.

I would love to add any silent keys you fellows know on the list or otherwise to the National SK archive.

Lastly, it turns out hitting NJ on 20M using SSB from WA with 100W and a wire has been a challenge, so anyone operating the station or from home would get me closer to WAS Phone on those bands.

<https://www.qrz.com/db/WE7EE>

Preview: Report from HamCation 2026



Look for report from Van W2DLT
in next month's Resonator



Meshtastic is growing up

— by Louis N2NVE

Meshtastic is growing up: voice, 2.4 GHz, and what it means for ham clubs.

Meshtastic has been gaining attention in the club. What began as a simple LoRa texting tool is becoming a capable digital mesh system that complements our repeaters, simplex activity, and emergency plans.

Two developments are driving interest:

voice support and

2.4 GHz LoRa hardware.

They don't replace traditional ham radio, but they expand what clubs can do.

What Meshtastic is

Meshtastic uses small "LoRa" radios to form a self-healing mesh with no repeater, internet, or cell network. Many operators already use it for short messages, GPS, telemetry, and situational awareness during events. The project is now moving beyond text.

Voice on the mesh

Meshtastic voice uses Codec2 — low bitrate, narrow bandwidth, and built for reliability. Think short PTT bursts, not FM chat. It speeds up communication during events, improves clarity in emergencies, and is easier for new members to use.

The trade-off is airtime: voice consumes far more of it. A club-friendly approach is one dedicated voice channel, strict PTT discipline, and short transmissions used only for coordination.

2.4 GHz LoRa

Meshtastic now supports SX1280-based 2.4 GHz LoRa radios. It's still LoRa, just in a different band. Advantages include very small antennas, global usability, and excellent performance for dense, local meshes at events or club sites. The trade-offs are shorter range, more interference, and limited usefulness for long paths. Many clubs will benefit from mixing 2.4 GHz handhelds with sub-GHz backbone nodes.

A practical deployment path

Phase 1:

establish sub-GHz nodes for text, GPS, and status, with a clear channel plan and a few fixed home or club nodes.

Phase 2:

add voice to a limited number of nodes, use a dedicated voice channel, and train members on short, disciplined transmissions.

Phase 3:

introduce 2.4 GHz handhelds for events and short-range coordination, with realistic expectations about range.

Hardware status

Voice support is already in the Meshtastic Audio module. SX1280 boards are available, and vendors like LilyGO are shipping compatible hardware. It remains a builder's ecosystem — some wiring, configuration, and enclosure work required. Standardized club builds help keep things consistent.

Why this fits amateur radio

Meshtastic's evolution reflects core ham values: experimentation, resilience, and community-driven standards. Voice and 2.4 GHz don't replace our existing systems—they add another layer that keeps working even when other infrastructure fails.

Final thought

Meshtastic has grown beyond simple LoRa texting. It's becoming a flexible digital mesh platform that clubs can use for public service, emergency prep, experimentation, and training. It's a chance to build capability now, before it's needed.

— Louis N2NVE

2026 Dues are due now

New members: only \$20 for your first year ! And if you sign up after October 1st you get next year free.

There are no changes to dues for the upcoming year.

Renew now, and let us know what activities or features would make you more active with the club.

Please make checks payable to:

"Fair Lawn Amateur Radio Club"

and send them to:

Fair Lawn ARC
– Attn: Secretary
10-10 20th Street
Fair Lawn, NJ 07410

Please include a member application form with your \$25 check regardless of your member status.

It can be found at

<https://fairlawnarc.com/membership.html>



EmComm SIG Updates

[Emergency Communications via Ham Radio]

Amateur radio operators use their training, skills, and equipment to provide communications during emergencies. Hams serve our communities when storms or other disasters damage critical communication infrastructure, including cell towers, and wired and wireless networks. Amateur radio can function completely independently of the internet and phone systems. An amateur radio station can be set up almost anywhere in minutes. Hams can quickly raise a wire antenna in a tree or on a mast, connect it to a radio and power source, and communicate effectively with others.



The Resonator Is Now Archived!

Ever wanted to search for something in *The Resonator*? Maybe a member profile. Perhaps a past Street Fair. Even who participated at Field Day in 2017.

Now you can. *The Resonator* has now been accepted as part of the Digital Library of Amateur Radio and Communications. DLARC is a project of the Internet Archive (the not-for-profit online library best known for *The Wayback Machine*.) DLARC is growing to be a massive online library of the past and present of ham radio and related communications. It is funded by a grant from Amateur Radio Digital Communications.

When you need to find something, go to:
<https://archive.org/details/flarc-resonator>

You can use the search "text contents" field to do a full-text search on all issues or click "Date Published" to see them sorted by publication date.

Get Direct With FLARC!

Here is a direct link to specific club info: just a click away!

<http://apparel.FairLawnARC.org>
<http://auction.FairLawnARC.org>
<http://blog.FairLawnARC.org>
<http://calendar.FairLawnARC.org>
<http://events.FairLawnARC.org>
<http://exams.FairLawnARC.org>
<http://facebook.FairLawnARC.org>
<http://news.FairLawnARC.org>
<http://swap.FairLawnARC.org>
<http://tech.FairLawnARC.org>
<http://youtube.FairLawnARC.org>

<https://groups.io/g/FairLawnARC>



The FLARC EmComm SIG is working closely with the NENJ-ARES group (North East NJ) to create an area-wide corps of well prepared hams who can handle emergency communications accurately and efficiently.

Times have changed and we can now use digital message formats as well as voice messaging.

If you would like to learn more about this phase of ham radio, send an email to —

main+owner@NENJ-ARES-EMCOMM.groups.io



The Fair Lawn Amateur Radio

Why is FLARC New Jersey's Most Exciting Radio Club?

Annual and Special Events

- ✓ Field Day
- ✓ Winter Field Day
- ✓ World Amateur Radio Day
- ✓ Portable Day
- ✓ Earth and Environmental Days
- ✓ Field Trips
- ✓ Special Even
- ✓ Public Service Activities
- ✓ Public Events
- ✓ Ham Fests and Auctions
- ✓ Foxhunts
- ✓ Youth Activities and more



There Is Something Every Night At FLARC!

- ✓ Monday: Near and Far Net
- ✓ Tuesday: DMR Net and Open House at the clubhouse
- ✓ Wednesday: ARES/RACES Net
- ✓ Thursday: Tech Net
- ✓ Friday: Open House at the clubhouse or Kawfee Towk Speaker Series (Monthly via Zoom) Weekends: Open House at the clubhouse, POTA and other station activations, Contests, Foxhunts



Plus:

- A five-position operating station clubhouse
- An active repeater—W2NPT linked with NJ2BS.
- New antennas on the roof
- Monthly VE testing
- An award-winning newsletter
- Monthly speaker programs
- Educational programs and activities
- Active public service participation
- An extensive video education archive

That is Why FLARC is the Most Exciting Club Around!

Come join us In-person or via Zoom for more activities, speakers, and projects!

www.fairlawnarc.org



The Club Fair Lawn ARC is the fastest growing ham club around, with five operating positions in a permanent clubhouse. Visitors and guests are always welcome. The club is open every Friday night, except when there is a Business Meeting scheduled, from NLT 6:30 PM. Business meetings are the first Friday of the month at 7:30PM.

2026 Officers, Committees and Assignments

President	Nomar Vizcarrond	NP4H
Vice President	Gene Ottenheimer	WO2W
Treasurer	Bob Antoniuk	N2SU
Secretary	Jim Cooper	W2JC
Trustee	Lowell "Van" VantSlot	W2DLT
Trustee	Noel Pagan	W2MSA
Trustee	Skip Barker	KD2BRV
Member Services Health & Welfare	Judith Shaw	KC2LTM
Marketing	Nomar Vizcarrondo Jim Cooper	NP4H W2JC
Program	[open]	
Video/YouTube	[open]	
Social Media	Brian Duddy Thom Guida Dave Marotti	N2BTD W2NZ NK2Q
Photographer	Robert Marchini	KD2SOG
Community Relations	Gene Ottenheimer Dave Gotlib	WO2W KD2MOB
Field Day 2026	[open]	
Winter Field Day 2026	Noel Pagan	W2MSA
Hamfest	[open]	
Auction	[open]	
Education	[open]	
Youth Outreach	Robert Marchini	KD2SOG
Adult Outreach	Lowell "Van" VantSlot Jim Cooper	W2DLT W2JC
VE Testing Coordinator	Gene Ottenheimer	WO2W
Special Events	James Gallo	KB2FMH
Contests	Lowell "Van" VantSlot	W2DLT
FLARC Historian	Fred Belghaus	KR2H [W2AAB]
Webmaster	Jim Cooper	W2JC
Asst. Webmaster	David Kozinn	K2DBK
Technical Chair	Dave deCoons	WO2X
EmComm	Jim Breheny	N2JLF
RACES/ARES Director	Dave Gotlib	KD2MOB
RACES/ARES Liaison	Steve Wraga	WA2BYX
Newsletter Editor	Jim Cooper	W2JC
Newsletter Publisher	Jim Cooper	W2JC
Club Station Manager	Noel Pagan	W2MSA

Want a Call Sign License Plate?

Amateur Radio (Ham operators) license plates may be purchased for a \$15 fee, for passenger vehicles, but not for commercial vehicles or motorcycles. (Applicants must be licensed by the Federal Communications Commission.)

Call MVC at 609.292.6500 or (toll free in NJ) 888.486.3339 to request an application.

The club has applications from time to time. If you would like an application, visit the "contact us" page, and we'll get one out to you.. Or find the form and detailed instructions at:

<https://www.state.nj.us/mvc/pdf/vehicles/SP-23.pdf>



Letters:

A feature of *The Resonator*

The editor has received a lot of nice notes, letters and comments about this newsletter and the club in general. We have not published them in the past but going forward we will at least try.

Here are the grounds rules:

- Please keep all comments as brief and succinct as possible.
- No personal attacks.
- No political rants.
- No comments promoting violence, racism, religious intolerance, vulgarity, obscenity, or other such discourteous behavior.
- The Editor reserves the right to exclude any comments that violate our guidelines and may subject the writer to further disciplinary action by the club.

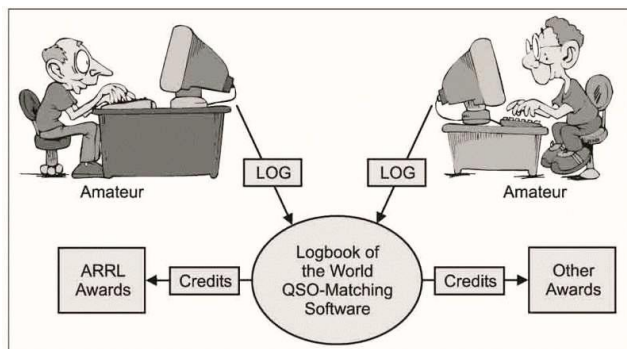
A QSL card is the final courtesy of an amateur radio contact.

https://en.wikipedia.org/wiki/QSL_card

INCOMING QSL Bureau -- if you have been making on-the-air contacts, you might very well have a package of exciting QSL cards from around the world waiting for you at the incoming QSL Bureau. If you previously received cards from them, check to see if you have any "credits" left by going to https://www.njdx.org/?page_id=869. If you never contacted them, they probably have cards for you! Go to this page -- https://www.njdx.org/?page_id=25 and get some 'credits' to cover the postage for mailing your cards to you.

To learn about the W2 Bureau, https://www.njdx.org/?page_id=30

To learn about the ARRL Outgoing QSL Bureau (for overseas card you send) visit <https://www.arrl.org/outgoing-qsl-service>



Those who upload logs to Logbook of the World become eligible to redeem confirmation credits for awards. LoTW wants and needs *all* logs. Uploading is free, so send your logs today!

SIG Group Membership

Here is an update on the Special Interest Groups... many groups have increased in size during the last month. About 45% of all members have joined at least one group.

<u>SIG Name</u>	<u>Leader</u>
Contesting	W2DLT
Digital Voice	N2AAM
Drones *	KB2BEE
EmComm	N2JLF
Mesh Net	W2KBF
Monitoring	WX2R
DX	W2JC
FT8	W2JC
Satellites	N2AAM
Portable Ops	W2MSA
Radio Astronomy	WX2R
Raspberry pi	[open]
Direction Finding	W2KBF
* New group	

Sign up for a group... or ...
why not start one?

Contact webmaster@FairLawnARC.org
if you would like to start a new
Special Interest Group.

Follow FLARC ON THE WEB

Facebook: <http://facebook.FairLawnARC.org>

Twitter: @FairLawnARC

Youtube: <http://youtube.FairLawnARC.org>

Website: <http://FairLawnARC.org>

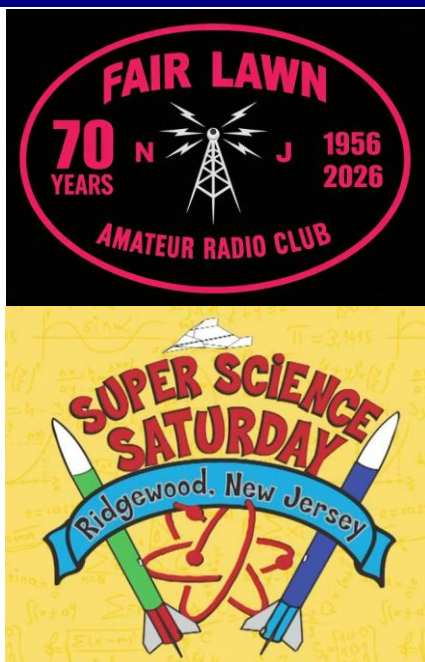
The Clubhouse Is Open THREE Fridays In March!!

Date	Clubhouse Status
March 6	CLOSED – Business Meeting at Fair Lawn Community Center
March 13	OPEN
March 20	OPEN
March 27	OPEN



Pop-Up Tuesdays are in-person at the club.





FLARC participation at Super Science Saturday was a roaring success! In addition to the QSL card draw & “where in the world did that card come from” game using a world map, we also had the usual Secret Language (Morse Code) table – but unfortunately Larry WA2ALY, who usually does that “show” with a flair, was attacked at the last moment by a very nasty bacterial infection that he refused to share with the kids. Our alternate was also unable to attend, so Steve WI2W did the job very well. Thanks!

We also had the video of the Paterson School kids asking questions of the astronaut on the ISS, and a small (portable op type) rig with a wire out the window! And a laptop with a world map showing the locations around the world of signals we received.

And lots of literature about ham radio.

Quite a few FLARC members helped out with this, with the planning and coordination of Sky KD2SOG.



FLARC February 21, 2026 VE Testing Results

Gene W02W reports the following results:

Name	Call	License Earned
Peter Stratos	KE2HSX	Technician

Testing for next month will be at the
Fair Lawn Recreation Center.

Twelve Special Interest Groups [SIGs] Already Formed: Any Others?

Club interest continues to grow in the SIGs.

Another recently formed SIG is for those interested in Raspberry Pi and Arduino projects, but now includes DoItYourself (DIY)/Makers kit building, 3D printing and similar topics. Unfortunately, we’ve heard nothing from the **DIY group** since it was formed.

The **Drone SIG** was requested a couple of months ago and nothing has been heard from them either.

A list of all of the current SIGs is shown on page 2.

Other possible groups, from the member survey, include:

- *Radio Propagation*
- *Antennas and how they work*
- *Ham radio software*
- *Technical assistance to club members*

Anyone interested in leading any of these groups...?

Please contact webmaster@FairLawnARC.org

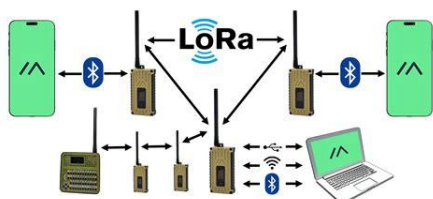
Vast Archive of FLARC Activities and Info

Members are reminded that we have a large archive of YouTube videos of our previous many years of Kawfee Tawk™ presentations, which cover many aspects of ham radio. Our mostly unsung hero club videographer, Thom W2NZ, has spent thousands of hours of his own time creating really professional quality videos of these 167 presentations. Visit our club YouTube page and you will see all of them listed on the main page, at <http://youtube.FairLawnARC.org>

Another large and rather unused archive is that of our seven years of the club newsletter, The Resonator. They provide a nice historical record of the many activities of FLARC over the years, as well as lots of useful info about ham radio and electronics. The entire archive is at <http://newsletters.FairLawnARC.org>

And don't forget the FILES area of our groups.io website, where useful and important info is saved:

<https://fairlawnarc.groups.io/g/main/files>



A group to share and post information and ideas about the new topics of interest -- MeshTastic & MeshCore operations.

This is one of our newest SIG groups, and it has grown quickly. It's an odd area for hams to be involved, because it is basically an unlicensed operating band -- so many of the stations (nodes) that are active are not hams, they are just 'neighbors.' But the word is going around that this mode might be useful for EmComm when internet, cellphone and VHF/UHF ham gear are not available or functioning. More info on what it is all about will appear here in the future,

No report this month.



FLARC PortableOps SIG

PortableOps@FairLawnARC.groups.io

This is a Special Interest Group (SIG) for members interested in portable ham radio operation such as POTA, SOTA, IOTA, LOTA, etc. The purpose of this SIG is to get outdoors and practice our operating skills from different places. We can share outing experiences, tips and work on our operating skills.

No report this month.

Club Apparel — Get Them While They're **RED**!

Club apparel is always in vogue. Red is always "in" and your club friends all have them... you *want* a shirt or jacket for the next FLARC event! Great for Field Day!

Don't forget.... they're easy to order.

Go to www.hamthreads.com

or visit <http://apparel.FairLawnARC.org>

Check out the item selection that is posted on the FLARC website (with pictures and prices). Order the shirts or other items you want with either the regular FLARC logo or the still-cool 60th anniversary logo. Note: **RED** is the primary and preferred club standard shirt color.

And why not WEAR your nice red shirt when you come to the club, especially for meetings and events.



It's easy to spot FLARC members
wearing their red club shirts !

Ham Radio Is Contagious And It Won't Make You Sick!!

2026 FLARC Net On The W2NPT Repeater:

Near and Far Net • Mondays at 8PM

W2NPT Repeater and EchoLink

Special Note: *The IRS now requires that we disclose annually the use of paid lobbyists to our members and indicate approximately what percentage of their dues goes toward that. 0% of your dues payment will be used by the club to directly pay a lobbyist firm to lobby on behalf of all our members regarding pending legislation that impacts our hobby. **The ARRL does that for us.***

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NEWHAMS.INFO

Training, information, and encouragement for new amateur radio operators.

<https://newhams.info/>

BEQUEATHS AND DONATIONS

Planned gifts usually imply the family donation of amateur equipment to the club when someone has become a Silent Key. But it can be more. Club members might consider making a gift through a will or trust; gifts that help provide lifetime income to the club. Consult with your lawyer, estate planner or tax advisor if you feel such a gift is worthy.

About The Club

The Resonator is published monthly and is the official (and only) newsletter of The Fair Lawn Amateur Radio Club. FLARC was established in 1956 and has met continuously since inception. **The club is sponsored by the Borough of Fair Lawn.** The club meets every Friday, except when a Business Meeting is scheduled, at 6PM at the club station in The Fair Lawn Community Center, 10-10 20th Street, Fair Lawn, NJ. Business meetings are the first Friday of the month at 7:30 PM at the Fair Lawn Senior Center, and on Zoom.

Visitors **ARE ALWAYS** welcome at our meetings.

FLARC operates the W2NPT repeater (145.470- PL 167.9) located high atop the Community Center. The analog repeater is open to all amateurs for use without restrictions.

The club has 150 paid members.

Dues are currently \$25 per year;
 \$20 for new members.

For more information, please see our website, at

<http://membership.FairLawnARC.org>

All content in *The Resonator* is protected by copyright ©2026.
No other use without permission.

Thanks!
for your
Support!!

This is YOUR club.... Be a part of it !!



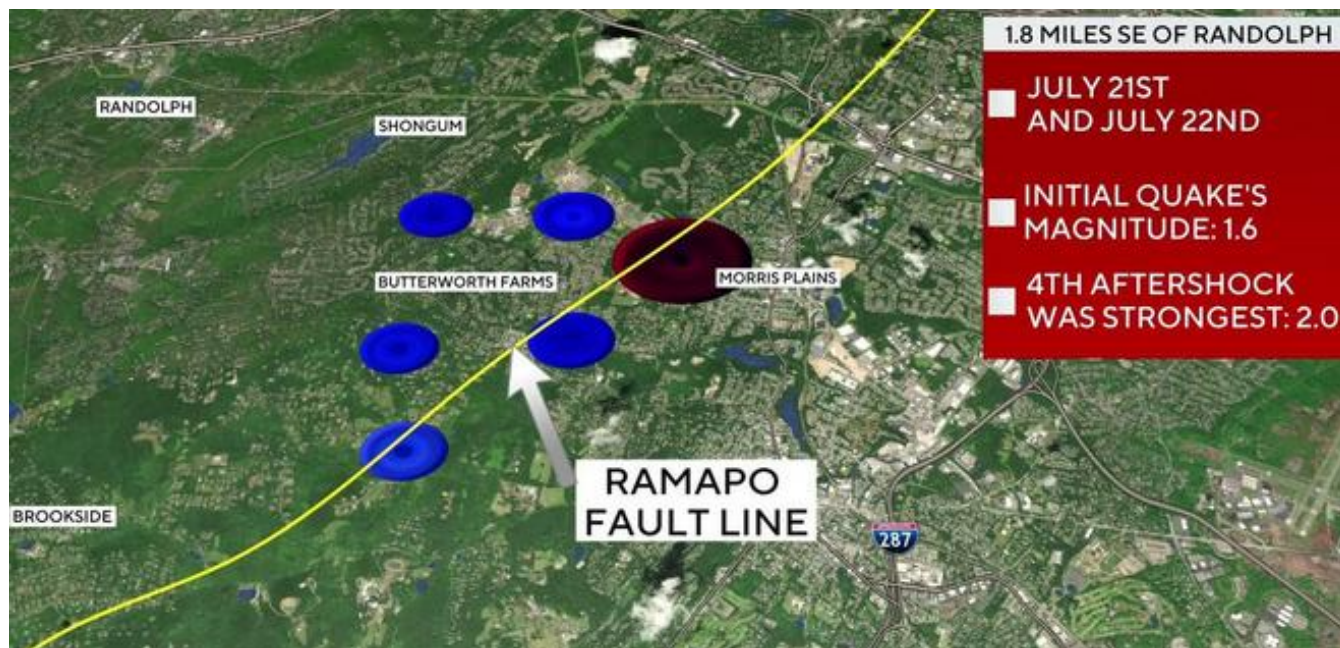
FAIR LAWN'S COMMUNICATIONS CENTER!

With Our Antennas On The Roof!



Theoretics Demystified

This time we will explore the effects of solar flares on the earth pertaining to radio but also how they influence the physics of the earth. Recently there have been multiple earthquakes that look to be triggered by the electromagnetic activity of some of the rather energetic. See below for the 2025 quakes.



What does this have to do with hams you say? Possibly quite a bit as in New Jersey there is the Ramapo fault which runs through a large portion of the state. This fault and possible quakes need to be factored in when running underground antenna lines and erecting dipoles, beams on a tower, etc.

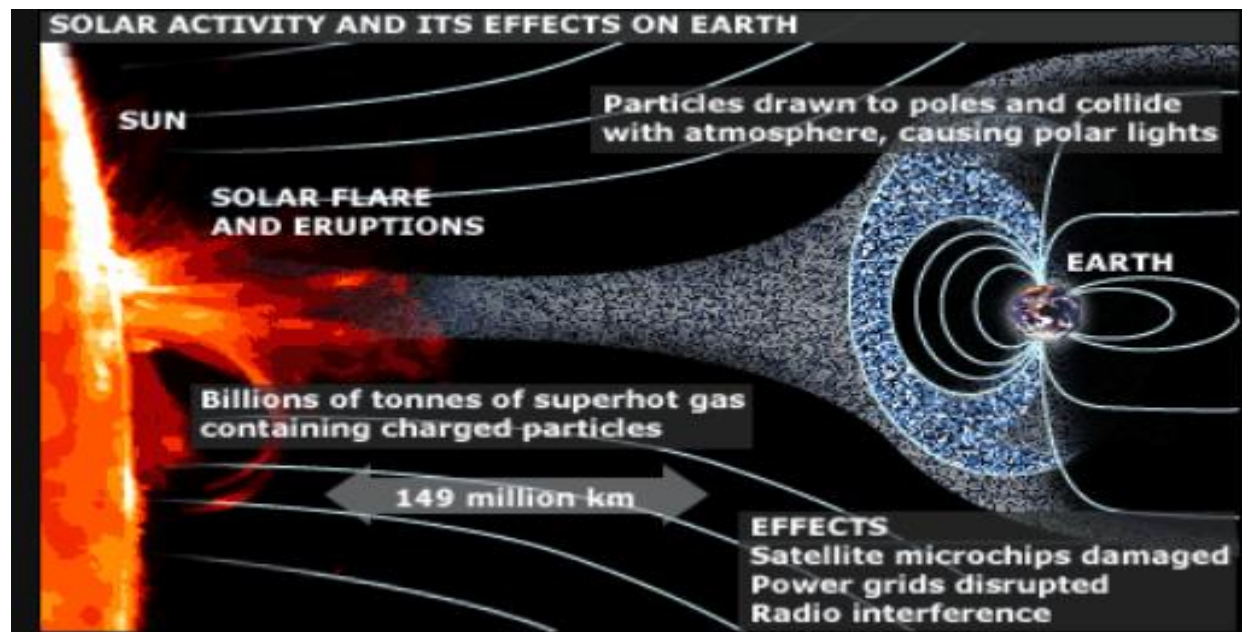
The logic behind these occurrences is that the magnetosphere is affected by large solar eruptions and electromagnetic energy influences or reacts with the earth's iron core. This logic is still debated by scientists, but during this solar maximum, earthquakes have been happening during or recently after solar eruptions. When the recent large sunspot, or large hole in the sun, faced the earth, there have been large earthquakes that are in time with the sun's rotation. Since the sun rotates on its axis every 28 days it has been shown that when the large sunspot is facing earth, and there are large flares, there is an uptick in significant earthquakes. Because of the recent solar activity there have been about 30 earthquakes, most of low intensity, nonetheless.

Below is a chart of solar flare activity. What this chart does not show is that there is an influence on the iron core of the earth that is brought about by the electromagnetic influence that the solar flare has. We as humans have only recently developed science to understand some of this theory and reaction of our earth to the sun's events that have been going on for millions of years.

Continued on next page.

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Theoretics Demystified, cont'd



We as hams are primarily interested in what solar flares do to our hobby in general. However, the flares - if big enough - can destroy all manner of radio and electronic communication and ultimately the power grid. Most importantly safety first and be prepared for the worst but hope for the best - keeping in mind that we live near a fault line.

Fred Wawra, W2ABE, 73.

Hamspeak

THIS TIME ANTENNA TYPES

DIPOLE:

Two conductors in a straight line with a feed line with 2 conductors each connected to one of the straight wires, with the feedline connected looks like a 'T'.

MONOPOLE:

Half of a dipole which is mounted above a ground plane, like a car radio antenna.

YAGI:

Named after the creator, a set of elements mounted on a 'boom' with elements mounted at right angles across it. An old TV antenna is a Yagi.

LOG PERIODIC:

A Yagi type with the elements mathematically decreasing in size from back to front.

PARABOLIC:

A round dish with an active amplifier mounted in front of the dish. The dish gathers the signal which is very weak and the amplifier module increases the signal to make it useable. Satellite TV dishes are an example.

Fred Wawra, W2ABE, 73.

Contest Corner



2025 - NJ QSO Party		NJ Club Scores	
Award			Entries
1st Award for Club	333,765	Delaware Valley Radio Association	11
	245,950	South Jersey DX Association	6
	105,538	South Jersey Radio Association	5
	84,396	New Providence ARC	5
	61,464	Gloucester County ARC	5
	18,032	Fair Lawn ARC	2
	16,192	WBWPXCC	1
	14,168	WC2FD	1
	5,280	Jersey Shore ARS	1
	308	Tri-County Radio Association	1
	8	David Sarnoff ARC	1

New Jersey QSO Party 2025

W2NPT

1st PLACE BERGEN

Chairman
Don AK2S

President
Bert
KD2RIT



Burlington County Radio Club
K2TD



During a busy contest, the antenna patch panel gets well used! (On left are bandpass filters for individual bands, and the tri-plexer so 2 Tx can use the same beam).



FAIR LAWN AMATEUR RADIO CLUB

2026 INTERNATIONAL DX SSB CONTEST

March 7-8, 2026

Starts at 0000Z on Friday, March 6 and ends at 2359Z on Sunday, March 8.

The Fair Lawn Amateur Radio Club will participate in the **2026 International DX SSB Contest**. The objective is to encourage W/VE stations to expand knowledge of DX propagation on the HF and MF bands, improve operating skills, and improve station capability by creating a competition in which DX stations may only contact W/VE stations. Use only the 160, 80, 40, 20, 15, and 10 meter bands.

JOIN US FOR THE CONTEST WEEKEND!

We encourage members to come and join us in chatting over the weekend. **Remember** that our events include great camaraderie, on site rag-chewing and more.

COME AND HAVE FUN WITH US THE WEEKEND OF MARCH 7-8!

For more information on the contest, visit arri.org/arri-dx

If interested in joining us, send a note to President@FairLawnARC.org



March is packed with exciting contests! Here are some top picks for the month. Remember to log all contacts in UTC (Zulu) time.

March 7-9

ARRL DX Contest – SSB

- Work DX stations worldwide. Expect big pileups!

March 14-15

★ South American 10-Meter Contest

- Work South America on 10 meters, CW or SSB.

★ Stew Perry Topband Challenge

- 160 Meter CW – Exchange grid squares.

★ TESLA Memorial CW Contest

- 80 & 40 meters, honoring Nikola Tesla.

March 21-23

★ BARTG HF RTTY Contest

- Major digital RTTY action across the bands.

March 28-29

★ CQ WPX Contest – SSB

- Work stations worldwide. Prefix multipliers.

Get on the air and join the fun—see you in the pileups!

73, Fred, KR2H

Contest Corner, continued**Results from our participation in the ARRL DX CW Contest**

Contest Objective: To encourage W/VE stations to expand knowledge of DX propagation on the HF and MF bands, improve operating skills, and improve station capability by creating a competition in which DX stations may only contact W/VE stations. One contest period is CW-only and one is Phone-only. Use only the 160, 80, 40, 20, 15, and 10 meter bands.

W/VE amateurs: Work as many DX stations in as many DXCC entities as possible.

DX stations: Work as many W/VE stations in as many of the 48 contiguous states and provinces as possible.

W2NPT Score - 465,060 Points

Contest: ARRLDXCW

Band	QSOs	Pts	Cty	Pt/Q
7	50	150	32	3.0
14	181	543	63	3.0
21	297	891	76	3.0
28	146	438	59	3.0
Total	674	2022	230	3.0

Score: 465,060
1 Mult = 2.9 Q's



George W3EH working 20m CW

Statistics for ARRLDXCW - 2026-02-21 - Mode & Ba...

File Statistics Graph

Operator	CW 7	CW 14	CW 21	CW 28	Tot	Accum
KE2MT				3	3	3
KR2H			108		108	111
N2SU		1	183	6	190	301
NP4H		137		14	151	452
W2MSA		18	5	61	84	536
W2NPT		2	1		3	539
W3EH	27				27	566
W2W	23	23		62	108	674
Total	50	181	297	146	674	674

Ops in alphabetic order by call

ARRL DX CW - 2026-02-21 0000Z to 2026-02-23 0000Z - 677 QSOs
W2NPT - Off Times >= 30 Minutes

2026-02-21 0000Z - 2026-02-21 0006Z	00:07 (7 mins)	(Start late)
2026-02-21 0222Z - 2026-02-21 1410Z	11:49 (709 mins)	
2026-02-21 2317Z - 2026-02-21 2358Z	00:42 (42 mins)	
2026-02-22 0222Z - 2026-02-22 1531Z	13:10 (790 mins)	
2026-02-22 2209Z - 2026-02-22 2359Z	01:51 (111 mins)	(End early)

Total Time Off 27:39 (1659 mins)
Total Time On 20:21 (1221 mins)

Total time on: 20 hours and 21 minutes
[op time cut short due to blizzard!]

FAIR LAWN AMATEUR RADIO CLUB
2026 INTERNATIONAL DX CW CONTEST
February 21-22, 2026

Starts at 0000Z on Friday, February 21 and ends at 2359Z on Saturday, February 22.

The Fair Lawn Amateur Radio Club will participate in the 2026 International DX CW Contest. The objective is to encourage W/VE stations to expand knowledge of DX propagation on the HF and MF bands, improve operating skills, and improve station capability by creating a competition in which DX stations may only contact W/VE stations. Use only the 160, 80, 40, 20, 15, and 10 meter bands.

JOIN US FOR THE CONTEST WEEKEND!

We encourage members to come and join us in pounding some brass during the weekend. Remember that our events include great camaraderie, on site rag-chewing and more.

COME AND HAVE FUN WITH US THE WEEKEND OF FEBRUARY 21-22!

For more information on the contest, visit arri.org/arri-dx

If interested in joining us, send a note to President@FairLawnARC.org

Countries - 227 mults worked of 2040 possible

Worked Expected Spotted Spotted (Dbl Mult) All AF AS EU NA OC SA

4U1U	160	80	40	20	15	10
5B						
5Z						
6Y						
8P						
9A						
9Y						
A2						
CE						
CT						
CT3						
CU						
CX						
DL						
E7						
EA						
EA8						
EA9						
EI						
EU						
F						
FY						
G0						
GI						
GM						
GW						
HA						
HB						
H8						
HC						
HI						
HK						
I						
IS						
J3						
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JA						
KH2						
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KP2						
KP4						
KP5						
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LC						
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OM						
ON						
OY						
OZ						
P4						
PA						
PJ2						
PJ4						
PJ7						
PY						
S5						
SM						
SP						
SV						
TA						
TI						
TT						
UA						
UA2						
UA9						
UR						
V3						
V4						
VK						
VP2						
VP9						
XE						
YB						
YL						
YO						
YU						
YV						
Z3						
ZD7						
ZF						
ZL						
ZS						

Contest Corner, continued

Upcoming Contests – March, 2026

By: Fred Belghaus, KR2H

Here's a summary of current contests that reflect various operating preferences. I will publish a monthly summary in *The Resonator*. Data and links are derived from and credited entirely to the WA7BNM Contest Calendar.

Introductory notes: HF Contests are defined as all bands from 160 to 10 meters, excluding WARC bands (30, 17, and 12). Contests are not allowed on WARC bands.

Dates and times are expressed in UTC ("Zulu" time) with local time equivalents (EST or EDT). 1800Z means 1800 UTC.

Contest logs must be kept in UTC date/time.

Always use UTC dates/times for HF contacts, whether made during contests or not. UTC = EST + 5 hours/EDT + 4 hours. This is especially important for DX contacts.

+++++

March 7 - A.R.R.L. DX Contest SSB. Starts: 0000Z Saturday (7 PM EST, Friday, March 6), Ends: 0100Z Monday, March 9 (8 PM EST, Sunday). Exchange: 5-9 + New Jersey (DX sends 5-9 + Power).

Complete rules: <https://contests.arrl.org/ContestRules/DX-Rules.pdf>

Note: EST ends, EDT begins at 2 AM, March 8th

March 14 - South American 10 Meter Contest. Start: 1200Z Saturday (8 AM EDT, Saturday), Ends: 1200Z Sunday (8 AM EDT). Modes: CW only, SSB only, or Mixed. CW exchange: 5-9-9 + CQ Zone (NJ is Zone 5); SSB exchange: 5-9 + CQ Zone (NJ is Zone 5); South America sends RS/RST + CQ Zone.

Complete rules: <https://sa10m.com.ar/wp/rules/>

March 14 – Stew Perry Topband (160 Meter) Challenge. Start: 1500Z Saturday (11 AM EDT) Ends: 1500Z Sunday (11 AM EDT). 160 Meter CW only. Exchange: 4-character Grid Square, RST optional. (Look up your call on qrz.com for your Grid Square).

Complete rules: https://www.kkn.net/stew/stew_rules.html

March 14 – TESLA Memorial HF CW Contest. Start: 1800Z Saturday, March 14 (2 PM EDT); Ends: 0559Z Sunday, March 15 (1:59 AM EDT). 80 and 40 meters only. (Single band or both bands). Exchange: RST + Serial number + 4-character Grid Square.

Complete rules: <http://www.radiosport.yu1srs.org.rs/HFTeslaMemorial/index.php/rules>

March 14 – RSGB FT4 Contest. Start: 2000Z Monday, (4 PM EDT), Ends: 2200Z (6 PM EDT). Exchange: Signal Report. HF bands except WARC.

Complete Rules: https://www.rsgbcc.org/hf/rules/2026/r80m_ft4.shtml

Contest Corner, continued

March 20: First Day of Spring

March 21 – BARTG HF RTTY Contest. Start: 0200Z Saturday (10 PM EDT Friday); Ends: 0159Z Monday, March 23 (9:59 PM EDT, Sunday, March 22). Exchange: RST + Serial No. + 4-digit time UTC. HF bands except WARC. Complete rules: <https://bartg.org.uk/>

March 21 – Russian DX Contest. Start: 1200Z Saturday (8 AM EDT Saturday); Ends: 1200Z Sunday (8 AM EDT Sunday). Modes: CW and SSB. Exchange: Russian stations send RS/RST + 2-character Oblast; Non-Russian stations send RS/RST + Serial number.

Complete rules: https://www.rdxo.org/rules_eng

March 21 – Virginia QSO Party. 2 contest periods: 1400Z Saturday (10 AM EDT); Ends 0400Z March 22 (midnight Saturday/Sunday) and 1200Z (8 AM EDT) Sunday to 2400Z Sunday (8 PM EDT). Modes: CW, SSB, Digital & Mixed. Complete rules (in 3 file formats) via: https://www.qsl.net/sterling/VA_QSO_Party/2026_VQP/2026_VQP_Main.html

March 28 – CQWW WPX Contest SSB. Start: 0000Z Saturday (Friday, 8 PM EDT); Ends: Sunday, 2359Z March 29 (7:59 PM EDT). 160 through 10 meters (no WARC). Single-op, 36 hours out of 48, off-times at least 60 minutes ; Multi-op 48 hours. Various power and band classes. Exchange: RS + Serial number.

See complete rules here: <https://cqwpw.com/rules/>

NOTE: CQ WPX just may be the most popular contest of all. Everybody works everybody (US, Canada, DX). Multiplier is the total number of unique prefixes worked regardless of band. See Rules for details.

March 28 – Bill Windle QSO Party. Start: 0000Z Saturday (Friday 8 PM EDT); Ends: Saturday, March 28, 2359Z (7:59 PM EDT). Sponsored by the F.O.C. (Firstclass CW Operator's Club to honor G8VG, one of their founding members, but open to all who prefer a CW activity instead of the WPX SSB. 160 meters through VHF (no WARC). Exchange: Members: RST + Name + Member number. Non-Members: RST + Name only.

Complete rules: <https://www.g4foc.org/bill-windle-qso-party/>

Upcoming April contests (Info to be published in *The Resonator*)

VHF-UHF FT8 Activity Contest
Spanish RTTY Contest
Louisiana QSO Party
Mississippi QSO Party
SP DX Contest

73, Fred KR2H



ATTENTION!

FLARC MEMBERS

PAY YOUR DUES

ONLINE NOW!

NEW DUES, RENEWAL, & DONATIONS CAN BE SENT VIA ZELLE!

! DUE PAYMENTS NEEDED ASAP TO KEEP YOUR MEMBERSHIP ACTIVE!

zelle

PAY ASAP

- Log into your Zelle account
- Use phone number **201-240-9317** as the recipient
- Include your Call Sign & year(s) in the notes section

Log in and pay your dues before you miss out!

If you need help, or want added assurance – email treasurer@FairLawnARC.org

Visit: www.FairLawnARC.org for more info!

FAIR LAWN
70 YEARS N **J 1956 2026**
AMATEUR RADIO CLUB

For a PDF form that can be filled in on-line, then printed and mailed with check, [CLICK HERE](#)

Or you can print this page, fill it in and mail to the address shown at the bottom.



Fair Lawn Amateur Radio Club

*Fair Lawn Recreation and Community Center
10-10 20th Street
Fair Lawn, N.J. 07410*

MEMBERSHIP/RENEWAL FORM

Name _____ Call _____
Address _____ PO Box _____ Ste./Apt # _____
City _____ State _____ Zip _____
Roster Published Phone # _____ Unpublished Phone # _____
Roster Published EMAIL _____ License class: _____

Check all that apply ARRL Member ? RACES Member ? ARES Member ? CERT ? VE ?

Additional Family Members (In same household) --

Name _____ Call _____

Name _____ Call _____

Introductory and Student Membership \$ 20 \$ _____
(Students under the age of 18 eligible for student membership)
(Introductory membership open to new members
or not a member in last 7 yrs)

Associate Membership * (No Fee)

* Open to Fair Lawn Residents Only. No voting rights or other privileges.

Renewal of Current Membership \$ 25 \$ _____

Three Year Renewal Incentive \$ 65 \$ _____

(Single memberships only, family memberships excluded)

Additional Family Members # _____ at \$5 each per year \$ _____

Life Membership \$ 625 \$ _____

Senior Life Membership (65 yrs. of age or over) \$ 250 \$ _____

Equipment Fund Donation, above regular membership dues \$ _____

Total submitted \$ _____

_____ Date _____

I hereby acknowledge the By laws and rules and regulations of the club and will abide by them as amended

Please Note: Memberships are NOT Pro-Rated. Membership is from Jan 1st to Dec. 31st of any given year unless documented otherwise.

Please make your dues check payable to the "Fair Lawn Amateur Radio Club" and remit to the following address:

Fair Lawn ARC
— Attn: Secretary
10-10 20th Street
Fair Lawn, NJ 07410

March 2026

FLARC Business Meeting Minutes

Meeting Summary for FLARC Monthly meeting

Mar 06, 2026 07:00 PM Eastern Time (US and Canada)

Quick recap

The monthly meeting of the Fair Lawn Amateur Radio Club focused on several key topics, including the upcoming 70th anniversary celebration and plans for Field Day. The club discussed organizing special events to mark their anniversary, with suggestions to couple it with Field Day activities and potentially involve the local town government. Membership updates were shared, noting 153 paid members and the treasurer reported on financial activities. The club also reviewed recent contest performance and discussed upcoming events, including Super Science Saturday and Hamfest. Technical updates were provided on the club's repeaters and emergency communications efforts. The conversation ended with a reminder about upcoming contests and an invitation for members to participate in club activities.

Next steps

- Nomar: Arrange Kawfee Tawk with KP5 team (NP4G and KP3N) via Zoom and confirm details.
- Jim W2JC: Send out follow-up emails/communications to members who have not renewed, and remove non-renewed members from groups.io and Slack after the March business meeting deadline.
- Judith: Continue reaching out to delinquent/missing members regarding membership renewal and report back next month.
- Bob N2SU: Issue check to Noel for headphones (\$240).
- Treasurer Bob N2SU: Set up Zelle payment capability for the new club account using an email address.
- Sky: Organize volunteers and logistics for Super Science Saturday event at Ridgewood High School, including confirming room 206 and managing volunteer signups.
- Fred KR2H/Karl W2KBF: Organize and prepare equipment for May vintage/old timers night, including securing and preparing vintage radios (e.g., DX60, Drake 2B, etc.).
- Jim N2JLF: Continue to encourage participation in emcomm/Skywarn weather reporting and monitor 443.450 repeater for emergency/weather updates.
- Nomar/interested members: Plan and organize 70th anniversary special event, including forming a planning committee (Sky, Gene, Van, WA2DWB, others), determining event structure, criteria for certificates/QSLs, and publicizing the event (with Van and others handling publicity, QSL/certificate design, and coordination with the town).
- Fred KR2H: Research and determine the exact founding month of the club (originally Fairlawn Radio Club) for 70th anniversary planning.
- All members: Submit ideas for 70th anniversary celebration to board@FairLawnARC.org
- Gene WO2W: Recruit volunteers for Field Day organization and specific tasks (antennas, stations, food, etc.); follow up in April if no organizer steps up.
- Jim W2JC: Send general mailing/flyer to membership (especially new members) inviting participation and explaining Field Day, possibly including a May Resonator column.
- Nomar: Recruit volunteers to help with Hamfest (June 13) for setup, gate, FLARC table, etc.
- David (WO2X): Handle networking for Field Day.
- Nomar: Prepare and make available computers and stations for ARRL International DX Contest (sideband) this weekend; encourage members to operate, especially Sunday.
- FLARC: Promote upcoming contests to members and select which to participate in, as discussed with Van W2DLT.
- Gene: Continue to open club on Tuesday/Thursday mornings for member operating, as requested by members.

Continued on next page.

March 2026 FLARC Business Meeting, cont'd.

Summary

FLARC Club Activities and Events

The meeting covered several topics related to the club's activities and upcoming events. Nomar discussed plans for a coffee talk with KP5 team and arrangements for a visit from the ARRL division director in April. They also mentioned bringing speakers from Indexa and the MARS program to share information. The club scored well in the recent CW contest, with Jim W2JC reporting 465,060 points. Details will be in the March newsletter. Nomar emphasized their focus on fun and participation rather than competition in contests. The conversation ended with a reminder for members to use the club's resources and equipment, and to support Van's efforts in teaching and promoting the hobby. Gene WO2W also indicated that the first batch of 72 commemorative 70th Anniversary coffee mugs have already been sold, but another 72 were ordered and delivered – so those who have not yet gotten one or two can still do it. Price is \$7.50 for one, \$10 for two – Zelle the \$\$ to Gene or give him cash when you pick up.

Club Performance and Financial Updates

The club meeting began with a discussion of recent performance, with Nomar praising the team's efforts during a 48-hour contest where they worked only 20 out of 48 hours. The meeting then proceeded with the Pledge of Allegiance and roll call, confirming the presence of all officers and trustees. The treasurer reported a net account reduction of \$397.37, with \$120 in renewals and \$517.37 in expenses for the mugs and for accessories used for the contest, and noted that while the new account has \$15,000, most funds remain in the old account pending transfer. Motion to accept Treasurer's report was made and passed. The conversation ended with a discussion of membership, revealing 153 paid members including life members, with Judith taking responsibility for contacting approximately 20 delinquent members who haven't renewed their subscriptions.

Membership Renewals and Super Science

Judith reported on membership renewals, noting that some members were unclear about payment amounts and deadlines, while others had not responded at all. Jim W2JC clarified that according to the club by-laws membership renewals are due by the March business meeting, and non-renewing members will be removed from groups.io and Slack. Sky KD2SOG discussed the upcoming Super Science Saturday event at Ridgewood High School, where FLARC will showcase amateur radio to students aged 3rd to 6th grade. He requested volunteers to engage with children and demonstrated the use of Open Ham Clock as an alternative to Ham Clock, which is no longer available. The event will run from 9 AM to 2 PM, with setup beginning at 8 AM, and volunteers are encouraged to attend.

Club Updates and Event Planning

The meeting covered several updates and discussions. David WO2X shared that the repeaters are now linked and operational, with minor adjustments still needed. He also mentioned his recent surgery and recovery progress, including being able to operate radio equipment from his hospital bed. The group discussed plans for an "Old Equipment Night" in May, with Fred KR2H and Karl W2KBF coordinating to secure equipment for display. Jim N2JLF provided an overview of the Emergency Communications (Emcomm) group's activities, including their role in reporting weather conditions and emergency updates through the N2HWY repeater. Nomar announced that the club has volunteered to be active in the ARRL's W1AW/2 event celebrating the nation's 250th anniversary, with coordination planned with other clubs and Southern New Jersey.

March 2026 FLARC Business Meeting, cont'd.

FLARC Events and Volunteer Planning

The meeting discussed several key topics related to the Fairlawn Amateur Radio Club's activities and upcoming events. Jim N2JLF spoke about Emergency Communications in our area and advised members to monitor the N2HWY repeater On 443.450MHz during storms, bad weather and other emergency conditions to learn what assistance is needed at the time. Jim reported that during the recent serious snow storm/blizzard hams were asked to take and submit measurements of snow depth – which were then submitted to Skywarn and the National Weather Service and credit was given to ham radio in an NJ.COM media report.

Nomar NP4H and David WO2X agreed to use an online calendar system that was developed for the 13 Colonies event, similar to previous years, and discussed plans for the club's 70th anniversary celebration. Van volunteered to help organize the anniversary event, and the group discussed potential activities such as operating special event stations, issuing certificates and QSL cards, and involving the local town. Nomar invited all club members to submit their ideas on how we should celebrate the club's 70th anniversary, how we should offer a special QSL card and/or certificates for contacting W2NPT, etc. – submit your ideas to Nomar or to Gene WO2W.

Judith provided an update on the passing of former Life member Paul Herney WA2IIP. The club's Field Day event was a major focus, with Nomar emphasizing the need for volunteers to help organize and participate. The group also discussed the upcoming Hamfest on June 13th and the need for volunteers to assist with setup and sales. Finally, Nomar mentioned promoting upcoming contests and encouraged members to participate in the CQ Worldwide DX Contest.

Meeting summary created by Zoom AI and extensively edited by Jim W2JC, FLARC Secretary



Pick a card and find the country on the map...



Never too young to try Morse Code!